Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
Data File : VN087539.D
Acq On : 13 Aug 2025 16:43
Operator : JC\MD
Sample : Q2832-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TG-S01

Quant Time: Aug 14 04:03:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.212	168	223172	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.083	114	484094	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	453193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	207241	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	246376	65.063	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 130.120%#			
35) Dibromofluoromethane	8.153	113	166714	49.925	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.860%			
50) Toluene-d8	10.547	98	580357	48.722	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.440%			
62) 4-Bromofluorobenzene	12.829	95	217675	49.463	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.920%			
Target Compounds						Qvalue
16) Acetone	4.424	43	62106	34.979	ug/l	93
18) Methyl Acetate	5.024	43	52395	11.746	ug/l	99
20) Methylene Chloride	5.259	84	20954	6.423	ug/l	93
37) Ethyl Acetate	7.559	43	33576	5.270	ug/l	99
43) Isopropyl Acetate	8.677	43	23519	2.378	ug/l #	86

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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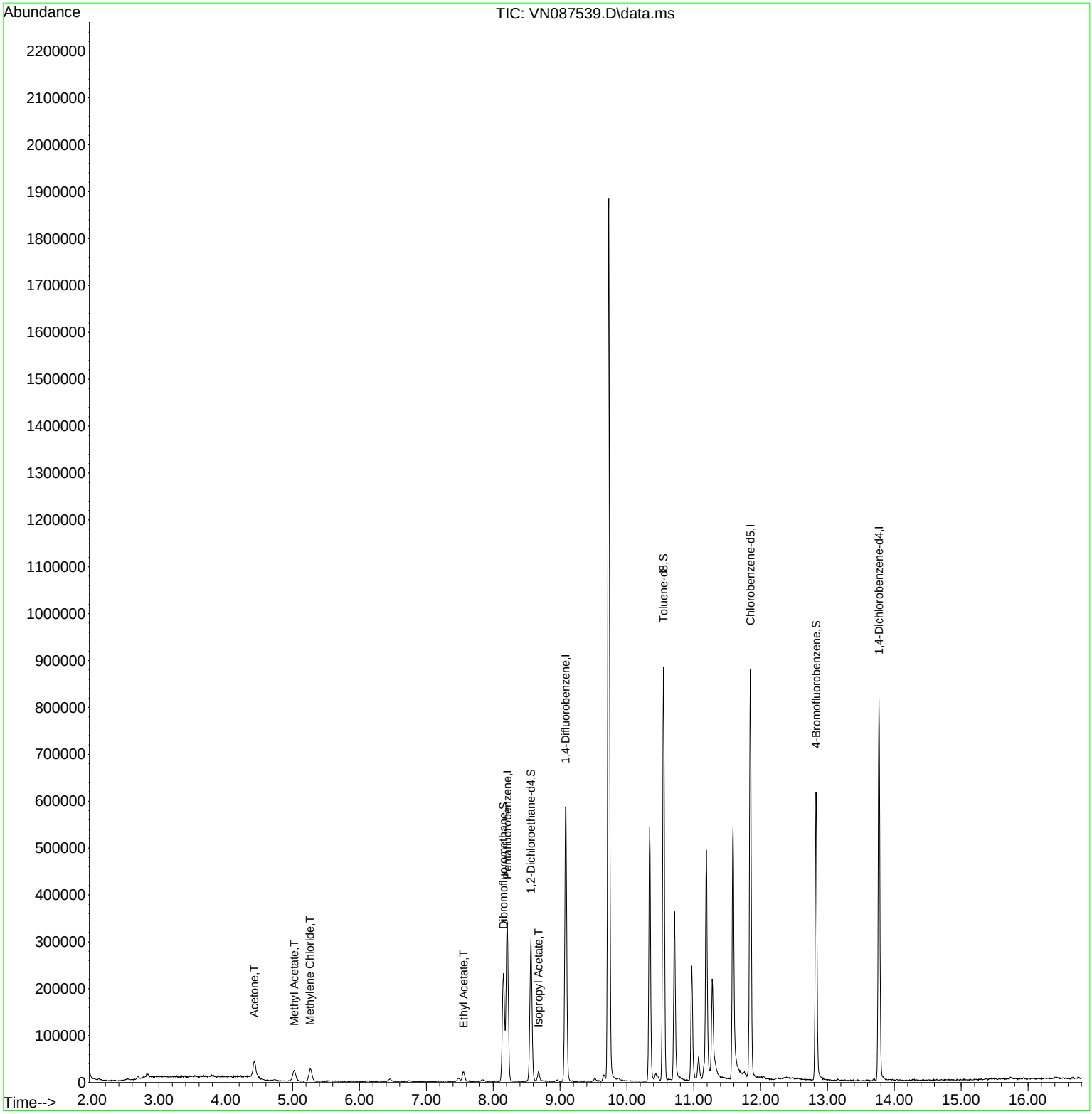
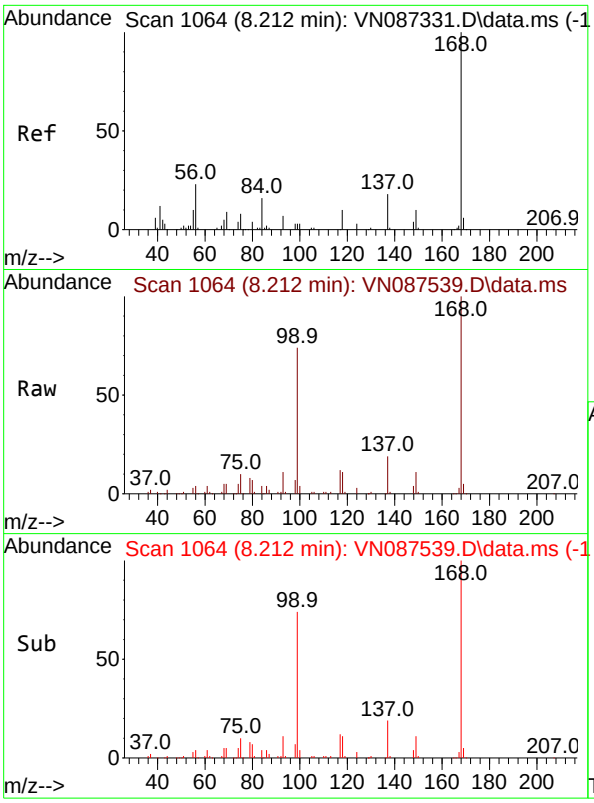


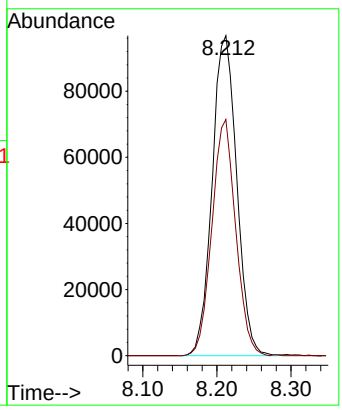


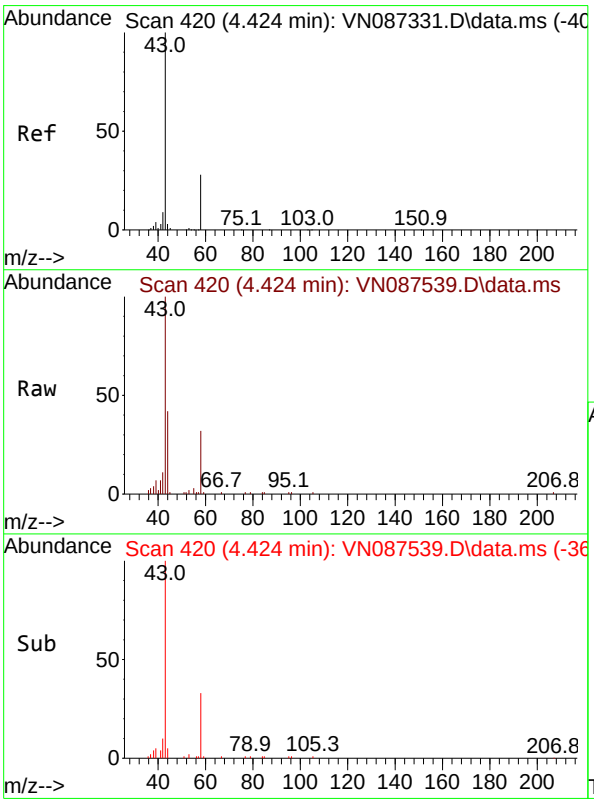
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087539.D
Acq: 13 Aug 2025 16:43

Instrument :
MSVOA_N
ClientSampleId :
TG-S01

Tgt Ion:168 Resp: 223172

Ion	Ratio	Lower	Upper
168	100		
99	73.8	47.9	71.9#

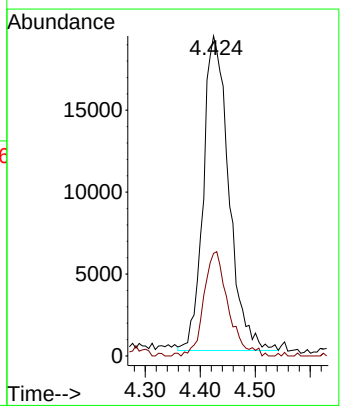


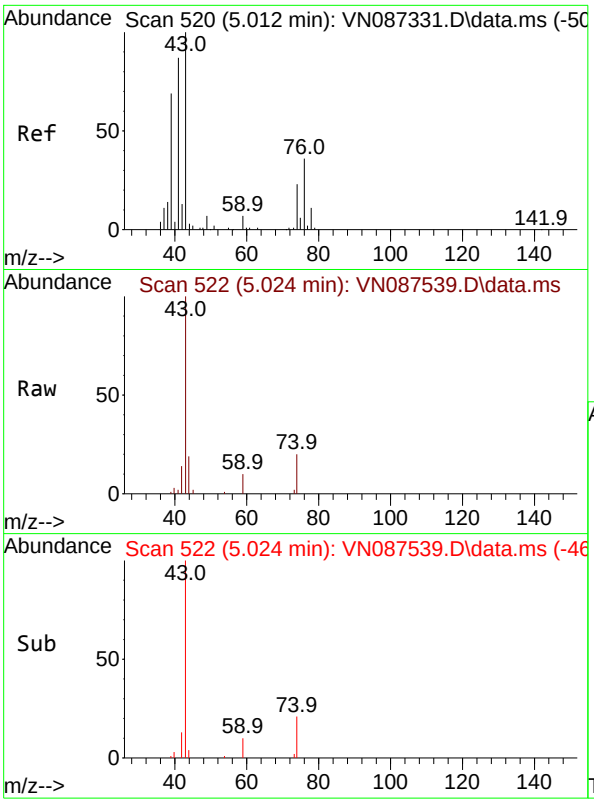


#16
Acetone
Concen: 34.979 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087539.D
Acq: 13 Aug 2025 16:43

Tgt Ion: 43 Resp: 62106

Ion	Ratio	Lower	Upper
43	100		
58	31.8	22.3	33.5



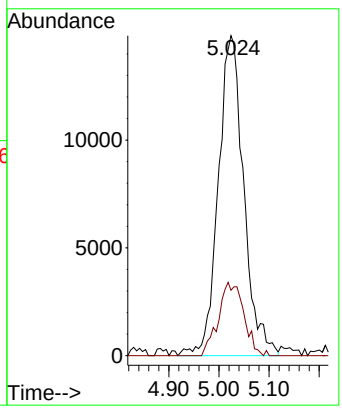


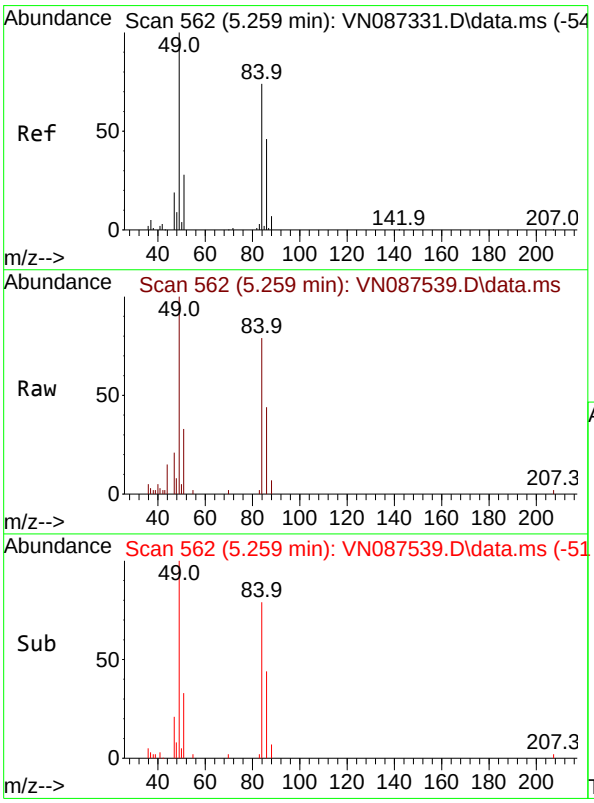
#18
Methyl Acetate
Concen: 11.746 ug/l
RT: 5.024 min Scan# 5
Delta R.T. 0.012 min
Lab File: VN087539.D
Acq: 13 Aug 2025 16:43

Instrument :
MSVOA_N
ClientSampleId :
TG-S01

Tgt Ion: 43 Resp: 52395

Ion	Ratio	Lower	Upper
43	100		
74	22.7	17.8	26.6

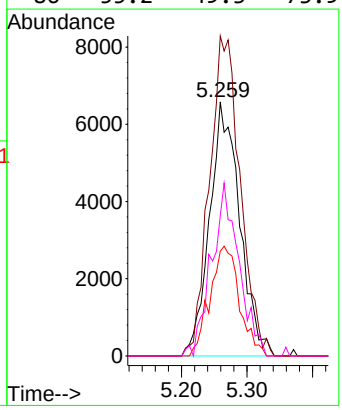


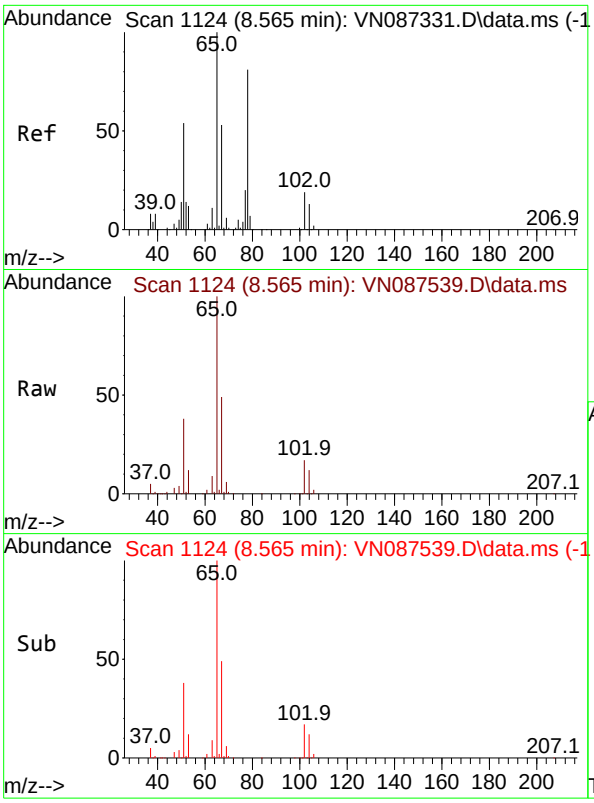


#20
Methylene Chloride
Concen: 6.423 ug/l
RT: 5.259 min Scan# 562
Delta R.T. 0.000 min
Lab File: VN087539.D
Acq: 13 Aug 2025 16:43

Tgt Ion: 84 Resp: 20954

Ion	Ratio	Lower	Upper
84	100		
49	126.0	107.5	161.3
51	41.2	30.2	45.2
86	55.2	49.3	73.9



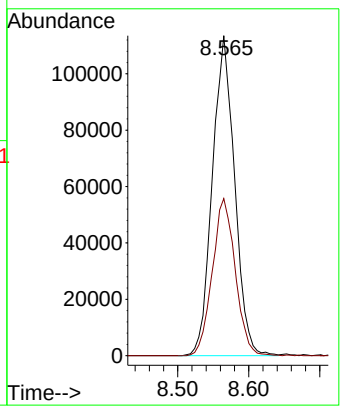


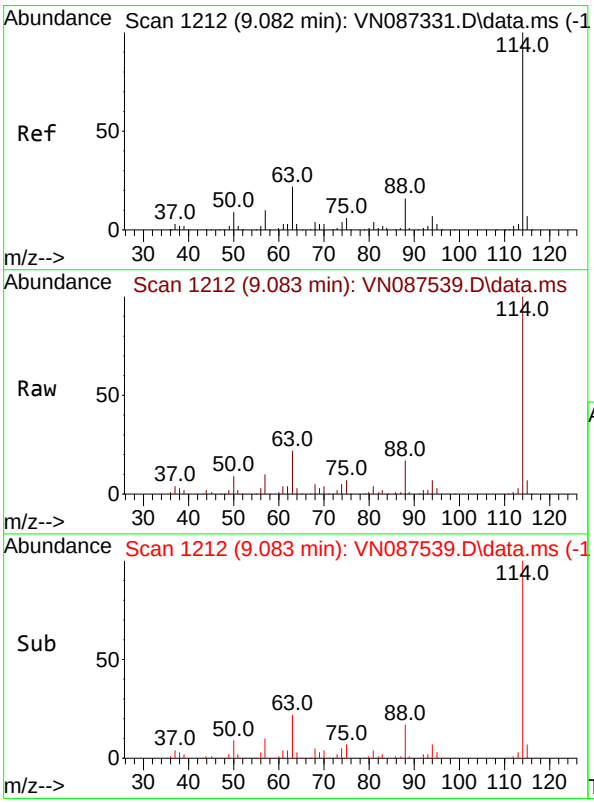
#33
1,2-Dichloroethane-d4
Concen: 65.063 ug/l
RT: 8.565 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087539.D
Acq: 13 Aug 2025 16:43

Instrument :
MSVOA_N
ClientSampleId :
TG-S01

Tgt Ion: 65 Resp: 246376

Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	104.0

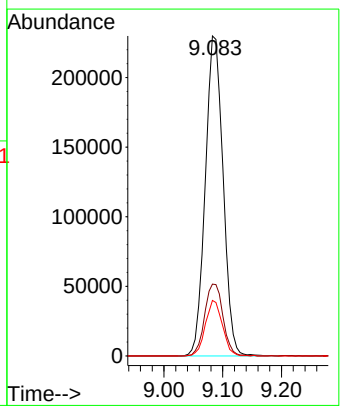


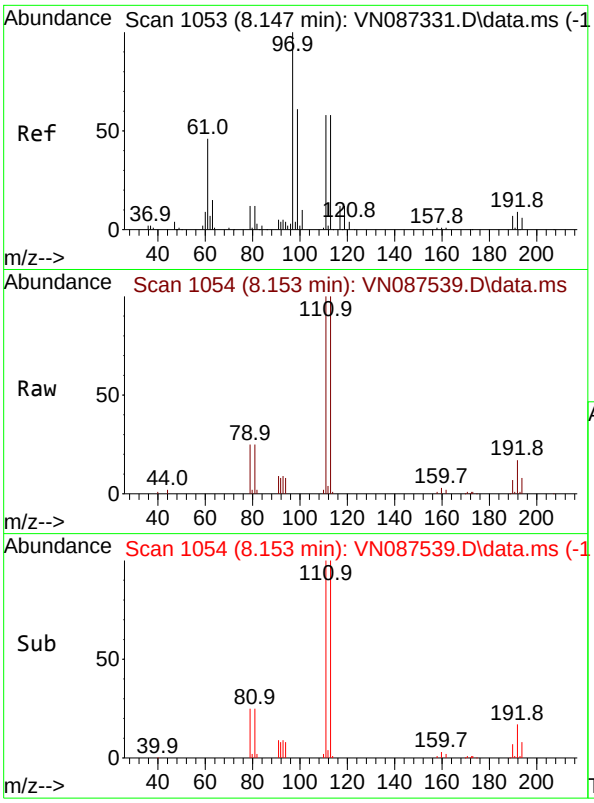


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 1212
Delta R.T. 0.001 min
Lab File: VN087539.D
Acq: 13 Aug 2025 16:43

Tgt Ion:114 Resp: 484094

Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	44.6
88	17.4	0.0	32.8



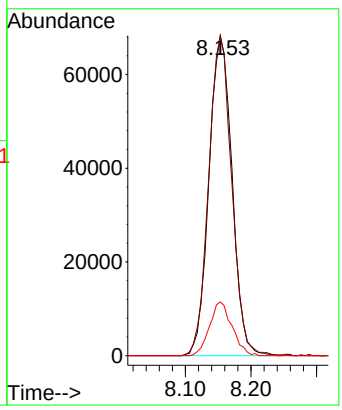


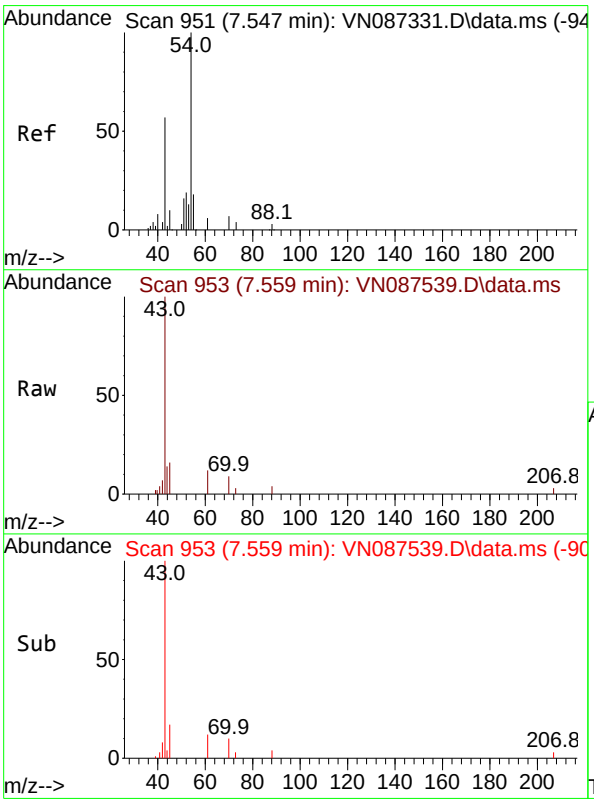
#35
Dibromofluoromethane
Concen: 49.925 ug/l
RT: 8.153 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087539.D
Acq: 13 Aug 2025 16:43

Instrument :
MSVOA_N
ClientSampleId :
TG-S01

Tgt Ion:113 Resp: 166714

Ion	Ratio	Lower	Upper
113	100		
111	99.6	82.5	123.7
192	16.4	13.7	20.5

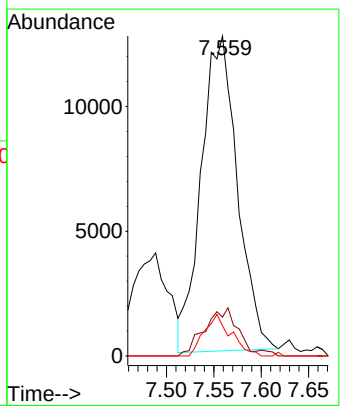


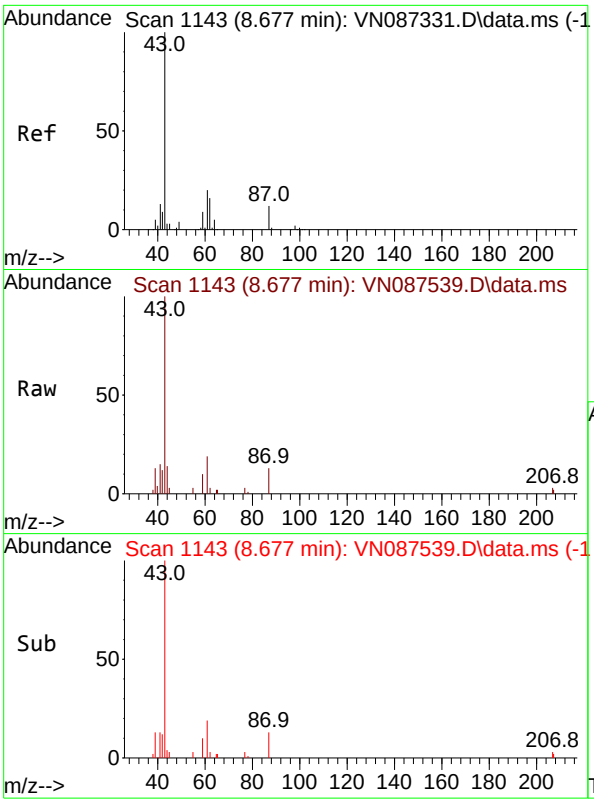


#37
Ethyl Acetate
Concen: 5.270 ug/l
RT: 7.559 min Scan# 953
Delta R.T. 0.012 min
Lab File: VN087539.D
Acq: 13 Aug 2025 16:43

Tgt Ion: 43 Resp: 33576

Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.9	16.3
70	9.7	7.4	11.0



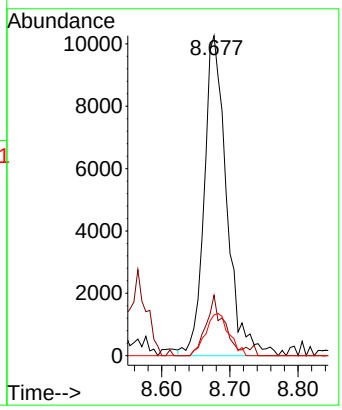


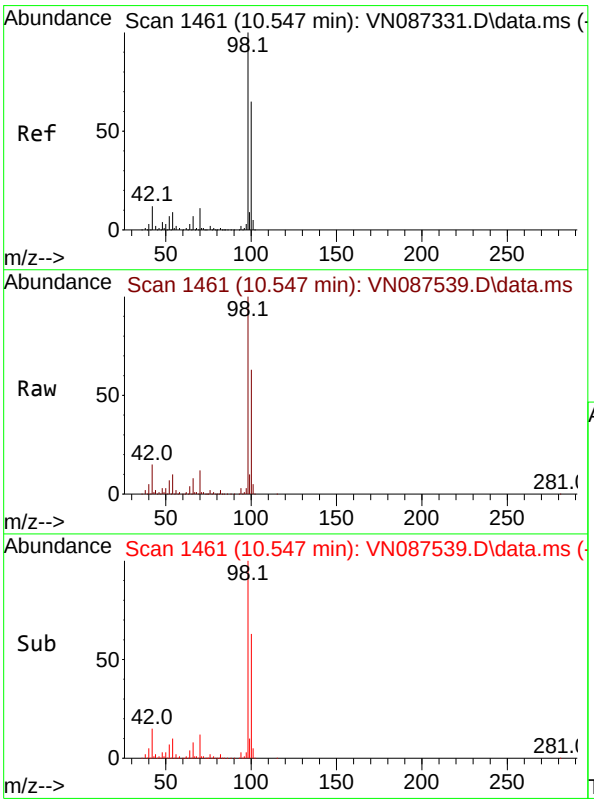
#43
Isopropyl Acetate
Concen: 2.378 ug/l
RT: 8.677 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087539.D
Acq: 13 Aug 2025 16:43

Instrument :
MSVOA_N
ClientSampleId :
TG-S01

Tgt Ion: 43 Resp: 23519

Ion	Ratio	Lower	Upper
43	100		
61	15.1	19.8	29.8#
87	13.7	9.8	14.6

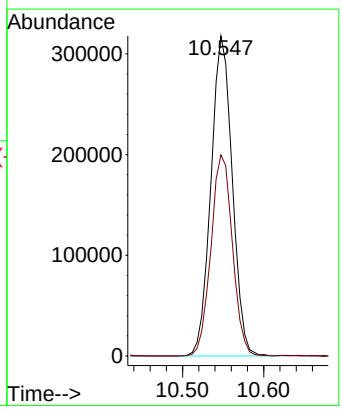


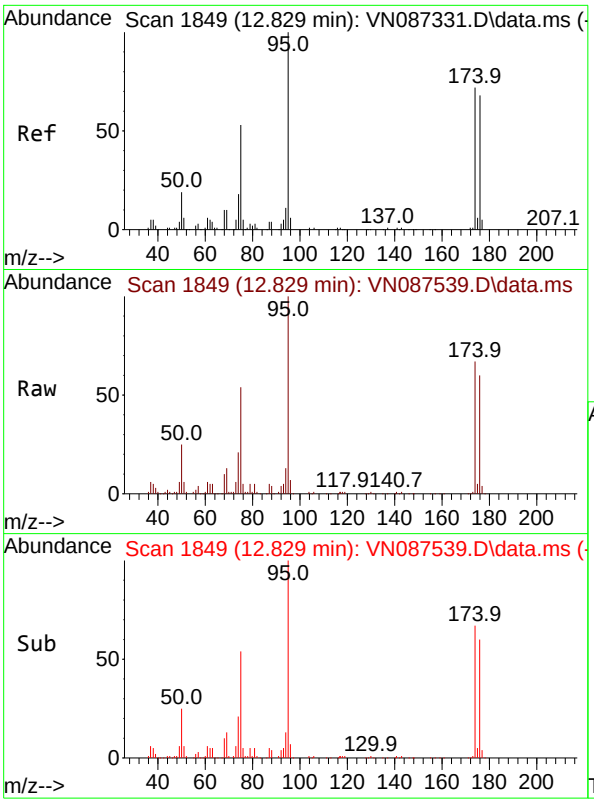


#50
Toluene-d8
Concen: 48.722 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087539.D
Acq: 13 Aug 2025 16:43

Tgt Ion: 98 Resp: 580357

Ion	Ratio	Lower	Upper
98	100		
100	63.3	52.1	78.1



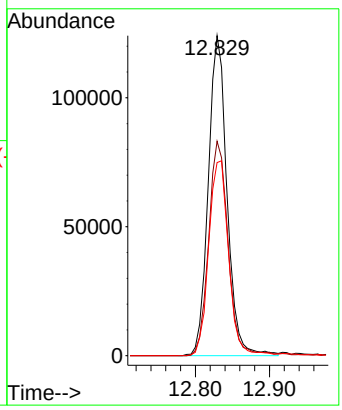


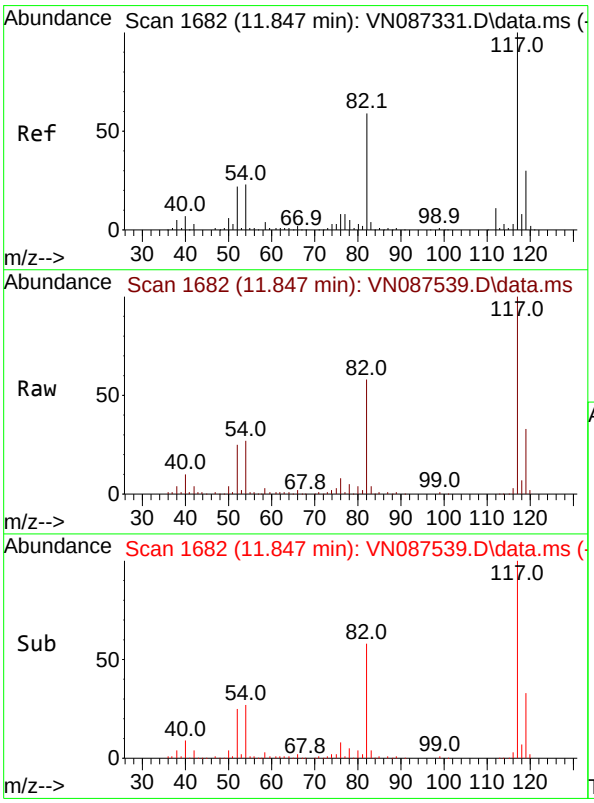
#62
4-Bromofluorobenzene
Concen: 49.463 ug/l
RT: 12.829 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087539.D
Acq: 13 Aug 2025 16:43

Instrument :
MSVOA_N
ClientSampleId :
TG-S01

Tgt Ion: 95 Resp: 217675

Ion	Ratio	Lower	Upper
95	100		
174	70.0	0.0	149.4
176	64.7	0.0	141.2

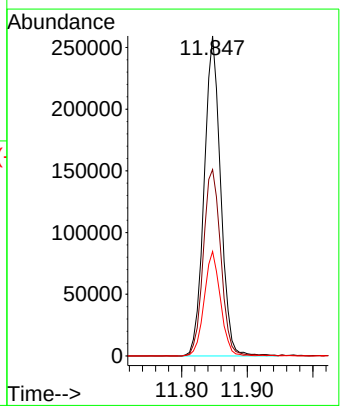


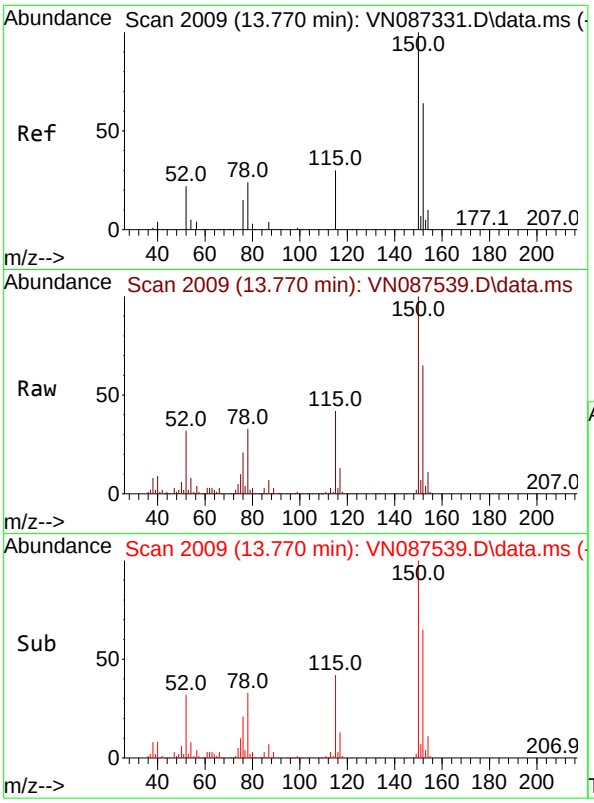


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN087539.D
Acq: 13 Aug 2025 16:43

Tgt Ion:117 Resp: 453193

Ion	Ratio	Lower	Upper
117	100		
82	58.3	47.4	71.2
119	32.6	23.8	35.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN087539.D
Acq: 13 Aug 2025 16:43

Instrument :
MSVOA_N
ClientSampleId :
TG-S01

Tgt Ion:152 Resp: 207241

Ion	Ratio	Lower	Upper
152	100		
115	66.0	31.1	93.5
150	158.0	0.0	349.0